Recombinant Human HSD17B7 cell lysate

Cat. No. HSD17B7-819HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Description	The 17-beta-hydroxysteroid dehydrogenase enzyme (EC 1.1.1.62) oxidizes or reduces estrogens and androgens in mammals and regulates the biologic potency of these steroids.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	HSD17B7 hydroxysteroid (17-beta) dehydrogenase 7 [Homo sapiens]
Official Symbol	HSD17B7
Synonyms	HSD17B7; hydroxysteroid (17-beta) dehydrogenase 7; 3-keto-steroid reductase; PRAP; SDR37C1; short chain dehydrogenase/reductase family 37C; member 1; 17-beta-HSD 7; estradiol 17-beta-dehydrogenase 7; 17beta hydroxysteroid dehydrogenase; 17-beta-hydroxysteroid dehydrogenase 7; 17 beta-hydroxysteroid dehydrogenase type VII; short chain dehydrogenase/reductase family 37C, member

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	1; MGC12523; MGC75018;
Gene ID	51478
mRNA Refseq	NM_016371
Protein Refseq	NP_057455
MIM	606756
UniProt ID	P56937
Chromosome Location	1q23
Pathway	Cholesterol biosynthesis, organism-specific biosystem; Cholesterol biosynthesis, squalene 2,3-epoxide =>cholesterol, organism-specific biosystem; Cholesterol biosynthesis, squalene 2,3-epoxide => cholesterol, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem;
Function	3-keto sterol reductase activity; estradiol 17-beta-dehydrogenase activity; nucleotide binding; oxidoreductase activity; prolactin receptor binding;

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